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NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	FEB 25	CA/CAPLUS - Russian Agency for Patents and Trademarks (ROSPATENT) added to list of core patent offices covered
NEWS	4	FEB 28	PATDPAFULL - New display fields provide for legal status data from INPADOC
NEWS	5	FEB 28	BABS - Current-awareness alerts (SDIs) available
NEWS	6	FEB 28	MEDLINE/LMEDLINE reloaded
NEWS	7	MAR 02	GBFULL: New full-text patent database on STN
NEWS	8	MAR 03	REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS	9	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	10	MAR 22	KOREAPAT now updated monthly; patent information enhanced
NEWS	11	MAR 22	Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS	12	MAR 22	PATDPASPC - New patent database available
NEWS	13	MAR 22	REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS	14	APR 04	EPFULL enhanced with additional patent information and new fields
NEWS	15	APR 04	EMBASE - Database reloaded and enhanced
NEWS	16	APR 18	New CAS Information Use Policies available online
NEWS	17	APR 25	Patent searching, including current-awareness alerts (SDIs), based on application date in CA/CAPLUS and USPATFULL/USPAT2 may be affected by a change in filing date for U.S. applications.
NEWS	18	APR 28	Improved searching of U.S. Patent Classifications for U.S. patent records in CA/CAPLUS
NEWS EXPRESS			JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005
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FILE 'HOME' ENTERED AT 10:46:23 ON 16 MAY 2005

=> file uspatfull

COST IN U.S. DOLLARS

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0.21

FILE 'USPATFULL' ENTERED AT 10:46:43 ON 16 MAY 2005

CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 12 May 2005 (20050512/PD)

FILE LAST UPDATED: 12 May 2005 (20050512/ED)

HIGHEST GRANTED PATENT NUMBER: US6892391

HIGHEST APPLICATION PUBLICATION NUMBER: US2005102725

CA INDEXING IS CURRENT THROUGH 12 May 2005 (20050512/UPCA)

ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 12 May 2005 (20050512/PD)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2005

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2005

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>>> original, i.e., the earliest published granted patents or <<<  
>>> applications. USPAT2 contains full text of the latest US <<<  
>>> publications, starting in 2001, for the inventions covered in <<<  
>>> USPATFULL. A USPATFULL record contains not only the original <<<  
>>> published document but also a list of any subsequent <<<  
>>> publications. The publication number, patent kind code, and <<<  
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>>> classifications, or claims, that may potentially change from <<<  
>>> the earliest to the latest publication. <<<

This file contains CAS Registry Numbers for easy and accurate  
substance identification.

=> s sunscreen? or uv?

7807 SUNSCREEN?

171481 UV?

L1 175500 SUNSCREEN? OR UV?

=> s SPF or PFA

3925 SPF

7540 PFA

L2 11448 SPF OR PFA

=> s in vitro?

L3 139020 IN VITRO?

(VITRO?)

=> s l1 and l2

L4 2670 L1 AND L2

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=> s 13 and 14

L5 845 L3 AND L4

=> s method? or process?

2563946 METHOD?

2453106 PROCESS?

L6 3031833 METHOD? OR PROCESS?

=> s 15 and 16

L7 842 L5 AND L6

=> s substrate?

L8 664407 SUBSTRATE?

=> s 17 and 18

L9 496 L7 AND L8

=> s predict?

L10 239965 PREDICT?

=> s 19 and 110

L11 258 L9 AND L10

=> s UVA

L12 3543 UVA

=> s 111 and 112

L13 19 L11 AND L12

=> d 1-19 ibib abs

L13 ANSWER 1 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2005:63801 USPATFULL

TITLE: Proteases producing an altered immunological response  
and **methods** of making and using the same

INVENTOR(S): Estell, David A, San Mateo, CA, UNITED STATES

Harding, Fiona A., Santa Clara, CA, UNITED STATES

Poulose, Ayrookaran J., Belmont, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005054843	A1	20050310
APPLICATION INFO.:	US 2004-498694	A1	20040614 (10)
	WO 2002-US41201		20021220

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-344657P	20011231 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Kamrin T MacKnight, Genencor International Inc, 925 Page Mill Road, Palo Alto, CA, 94304	
NUMBER OF CLAIMS:	18	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	6 Drawing Page(s)	
LINE COUNT:	3283	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides novel protein variants that exhibit reduced immunogenic responses, as compared to the parental proteins. The present invention further provides DNA molecules that encode novel variants, host cells comprising DNA encoding novel variants, as well as

**methods** for making proteins less allergenic. In addition, the present invention provides various compositions that comprise these proteins that are less immunogenic than the wild-type proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 2 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2005:30297 USPATFULL  
TITLE: Natural sunlight photostable composition  
INVENTOR(S): Lott, Dennis Lee, Flagler Beach, FL, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005025727	A1	20050203
APPLICATION INFO.:	US 2004-887464	A1	20040708 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-486194P	20030711 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Louis C. Paul, Esq., Cohen Tauber Spievack & Wagner, LLP, 420 Lexington Avenue, Suite 2400, New York, NY, 10170	
NUMBER OF CLAIMS:	36	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Page(s)	
LINE COUNT:	857	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to photostable compositions that provide protection from ultraviolet radiation ("UVR"). The invention particularly relates to the **sunscreens** avobenzene, octocrylene and oxybenzone, forming a triplet **sunscreen** combination. Compositions of the present invention are generally substantially free of substantial amounts of other **sunscreens**. The triplet combination surprisingly provides and substantially maintains the initial **SPF** value of the **sunscreen** composition throughout the period of **UVR** exposure. Compositions of the invention are photostable such that each of **sunscreen** active in the triplet combination does not appreciably photodegrade. The present invention accurately communicates the amount of **UVR** photoprotection actually provided in natural sunlight and minimizes the amount of potential harmful free radicals formed as byproducts of photodegradation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 3 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2004:280384 USPATFULL  
TITLE: In vitro prediction of **sunscreen PFA** values  
INVENTOR(S): Dueva-Koganov, Olga V., White Plains, NY, UNITED STATES  
SaNogueira, James P., Suffern, NY, UNITED STATES  
Romanoschi, Ovidiu, Edison, NJ, UNITED STATES  
Donovan, Barbara, Wayne, NJ, UNITED STATES  
PATENT ASSIGNEE(S): Playtex Products, Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004219684	A1	20041104
APPLICATION INFO.:	US 2004-779314	A1	20040213 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-447092P	20030213 (60)
	US 2003-506833P	20030929 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Charles N.J. Ruggiero, Esq., Ohlandt, Greeley, Ruggiero & Perle, L.L.P., 10th Floor, One Landmark Square, Stamford, CT, 06901-2682	
NUMBER OF CLAIMS:	7	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	4 Drawing Page(s)	
LINE COUNT:	339	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An in **vitro** method for the **prediction** of in vivo **UVA** protection by a composition with **sunscreen** properties. The **method** includes the steps of: determining in vivo **SPF**; determining in **vitro** **SPF** based on the **sunscreen**'s absorbance spectrum in the **UV** region; normalizing the absorbance spectrum based on integration area of **UVA1**; and calculating the **PFA-PPD** in **vitro**

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 4 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2004:121090 USPATFULL  
TITLE: Compositions and **methods** for treating conditions responsive to estrogen  
INVENTOR(S): Thompson, David D., Gales Ferry, CT, UNITED STATES  
Lee, Andrew G., Old Tyme, CT, UNITED STATES  
Day, Wesley W., Old Tyme, CT, UNITED STATES  
Rosati, Robert L., Stonington, CT, UNITED STATES  
PATENT ASSIGNEE(S): Pfizer Inc (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004092506	A1	20040513
APPLICATION INFO.:	US 2003-652186	A1	20030829 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-758778, filed on 11 Jan 2001, GRANTED, Pat. No. US 6632834		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-175752P	20000112 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	PFIZER INC., PATENT DEPARTMENT, MS8260-1611, EASTERN POINT ROAD, GROTON, CT, 06340	
NUMBER OF CLAIMS:	31	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Page(s)	
LINE COUNT:	2385	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to **methods**, pharmaceutical compositions and kits useful in treating conditions responsive to estrogen by the administration of estrogen agonists/antagonists. Conditions responsive to the compositions and **methods** include rheumatoid arthritis, colon cancer, tissue wounds, skin wrinkles and cataracts. The compositions are comprised of an estrogen agonist/antagonist and a pharmaceutically acceptable vehicle, carrier or diluent. The

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compositions and **methods** of treatment are effective while substantially reducing the concomitant liability of adverse effects associated with estrogen administration.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 5 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:276359 USPATFULL

TITLE: **Methods** of making and selling a **sunscreen** composition

INVENTOR(S): Bonda, Craig A., Winfield, IL, UNITED STATES

PATENT ASSIGNEE(S): The C.P. Hall Company (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003194384	A1	20031016
	US 6770270	B2	20040803
APPLICATION INFO.:	US 2002-105990	A1	20020325 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2002-92132, filed on 5 Mar 2002, GRANTED, Pat. No. US 6485713		
	Continuation-in-part of Ser. No. US 2002-92131, filed on 5 Mar 2002, GRANTED, Pat. No. US 6537529		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	MARSHALL, GERSTEIN & BORUN, 6300 SEARS TOWER, 233 SOUTH WACKER, CHICAGO, IL, 60606-6357		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	4 Drawing Page(s)		
LINE COUNT:	1635		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A **method** of preparing a **sunscreen** including a solvent system and a filter system, the **method** including the step of controlling the polarity of the solvent system to control the rate of photodecay of the filter system, as well as **sunscreen** compositions and compounds for producing **sunscreen** compositions, are disclosed. A **method** of selling a cosmetically-acceptable **sunscreen** composition is disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 6 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:225228 USPATFULL

TITLE: **Method** for determination of realistic **UV** protection factors or broad spectrum indices

INVENTOR(S): Ferrero, Louis, Nice, FRANCE  
Pissavini, Marc, Nice, FRANCE  
Zastrow, Leonhard, Monaco, MONACO

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003157039	A1	20030821
	US 6820014	B2	20041116
APPLICATION INFO.:	US 2002-323088	A1	20021218 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 2001-164469	20011220
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Stephan A. Pendorf, Pendorf & Cutliff, P.O Box 20445,	

Tampa, FL, 33622-0445

NUMBER OF CLAIMS: 10  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 4 Drawing Page(s)  
 LINE COUNT: 551  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to a new **method** for determination of realistic **UV** protection factors or broad spectrum indices of a **sunscreen** preparation. Realistic **UV** protection factors are calculable by determination of the theoretical and the experimental **UV** absorbances of known **UV** filters in wavelength steps of about 5 nm in the range of 290-400 nm from a definite basic formulation (emulsion, gel etc.) and on a transparent **substrate** and introducing of the values in a mathematical model. These factors are in conformity with values measured in vivo. The number of the experiments for developing new formulations are significant reduced because only basic formulation, kind and concentration of the filters have to enter.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 7 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:81440 USPATFULL  
 TITLE: **Sunscreen** compositions and **methods**  
 and materials for producing the same  
 INVENTOR(S): Bonda, Craig A., Winfield, IL, United States  
 PATENT ASSIGNEE(S): The C.P. Hall Company, Chicago, IL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6537529	B1	20030325
APPLICATION INFO.:	US 2002-92131		20020305 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Dodson, Shelley A.		
LEGAL REPRESENTATIVE:	Marshall, Gerstein & Borun		
NUMBER OF CLAIMS:	14		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	6 Drawing Figure(s); 6 Drawing Page(s)		
LINE COUNT:	1423		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A **method** of preparing a **sunscreen** including a solvent system and a filter system, the **method** including the step of controlling the polarity of the solvent system to control the rate of photodecay of the filter system, as well as **sunscreen** compositions and compounds for producing **sunscreen** compositions, are disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 8 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:81439 USPATFULL  
 TITLE: Skin lightening compositions  
 INVENTOR(S): Kvalnes, Kalla Lynn, West Chester, OH, United States  
 DeLong, Mitchell Anthony, West Chester, OH, United States  
 Bradbury, Barton James, West Chester, OH, United States  
 Motley, Curtis Bobby, West Chester, OH, United States  
 Carter, John David, Cincinnati, OH, United States  
 PATENT ASSIGNEE(S): Children's Hospital Medical Center, Cincinnati, OH,

United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6537527	B1	20030325
APPLICATION INFO.:	US 1998-133861		19980813 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1995-390152, filed on 24 Feb 1995, now patented, Pat. No. US 6068834		
	Continuation-in-part of Ser. No. US 1994-206573, filed on 4 Mar 1994, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Travers, Russell		
ASSISTANT EXAMINER:	Sharareh, Shahnam		
LEGAL REPRESENTATIVE:	White, Loy M., Goldstein, Steven J.		
NUMBER OF CLAIMS:	12		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)		
LINE COUNT:	1912		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to compositions, compounds, and **methods** for lightening skin, using active compounds having the general structure: ##STR1##

wherein each X is halo; m is 1 to 4; each R' and R" is independently selected from hydrogen, halo, C.sub.1-C.sub.10 alkyl, substituted C.sub.1-C.sub.10 alkyl, substituted or unsubstituted phenyl, substituted or unsubstituted naphthyl, OR, OCOR, OCRROR, COR, CR(OR)OR, CONRR, COOR, CRROR, CN, SR, and NRR; each R is selected from hydrogen, C.sub.1-C.sub.10 alkyl, substituted C.sub.1-C.sub.10 alkyl, substituted or unsubstituted phenyl, and substituted or unsubstituted naphthyl; n is 1 to 5; Z is O; in an amount effective to lighten skin; and a pharmaceutically-acceptable carrier therefor.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 9 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2002:310621 USPATFULL

TITLE: **Sunscreen** compositions and **methods** and materials for producing the sameINVENTOR(S): Bonda, Craig A., Winfield, IL, United States  
Shah, Urvil B., Mokena, IL, United States  
Mcmillin, Robert J., Oak Lawn, IL, United StatesPATENT ASSIGNEE(S): Roth, Magda M., Homewood, IL, United States  
The C. P. Hall Company, Chicago, IL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6485713	B1	20021126
APPLICATION INFO.:	US 2002-92132		20020305 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Dodson, Shelley A.		
LEGAL REPRESENTATIVE:	Marshall, Gerstein & Borun		
NUMBER OF CLAIMS:	69		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	6 Drawing Figure(s); 3 Drawing Page(s)		
LINE COUNT:	1768		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A **method** of preparing a **sunscreen** including a



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solvent system and a filter system, the **method** including the step of controlling the polarity of the solvent system to control the rate of photodecay of the filter system, as well as **sunscreen** compositions and compounds for producing **sunscreen** compositions, are disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 10 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2002:300845 USPATFULL

TITLE: Topical cosmetic composition

INVENTOR(S): Borchert, Stefan, Berlin, GERMANY, FEDERAL REPUBLIC OF  
Petersen, Rolf-Dieter, Berlin, GERMANY, FEDERAL  
REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002168388	A1	20021114
	US 6790434	B2	20040914
APPLICATION INFO.:	US 2001-13003	A1	20011105 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2001-104601	20010223
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	FISH & NEAVE, 1251 AVENUE OF THE AMERICAS, 50TH FLOOR, NEW YORK, NY, 10020-1105	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	6 Drawing Page(s)	
LINE COUNT:	778	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to cosmetic compositions for topical application for counteracting **UV** radiation induced skin damage comprising as active substances a first component which comprises inactivated bacteria selected from the group consisting of the genus *Bifidobacterium*, *Actinomycetaceae*, *Propionimycetaceae*, *Lactobacillaceae* and *Coryneform* bacteria and a second component which comprises an extract of plant extracellular matrix. Preferably, the plant extracellular matrix is selected from the group consisting of glycoproteins, carbohydrate polymers and arabinogalactan proteins. **Processes** for using the cosmetic compositions are also described.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 11 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2002:92727 USPATFULL

TITLE: Use of creatine or creatine compounds for skin preservation

INVENTOR(S): Kaddurah-Daouk, Rima, Belmont, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002049253	A1	20020425
APPLICATION INFO.:	US 2001-852966	A1	20010510 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1999-344427, filed on 25 Jun 1999, GRANTED, Pat. No. US 6242491		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		

LEGAL REPRESENTATIVE: LAHIVE & COCKFIELD, 28 STATE STREET, BOSTON, MA, 02109  
NUMBER OF CLAIMS: 67  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 4 Drawing Page(s)  
LINE COUNT: 1903

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to the use of creatine compounds such as, for example, creatine, creatine phosphate or analogs of creatine, such as creatine-pyruvate, creatine-ascorbate, cyclocreatine, 3 guanidinopropionic acid, guanidinoacetate, homocyclocreatine, guanidino benzoates as energy generating systems and antioxidants for preservation of skin against adverse aging effects and damage secondary to insults such as harmful sun radiations, stress and fatigue. The creatine compounds which can be used in the present **method** include (1) creatine, creatine phosphate and analogs of these compounds which can act as **substrates** or **substrate** analogs for creatine kinase; (2) molecules that mimic the biological activity of creatine (3) molecules that modulate the creatine kinase system.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 12 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2001:205925 USPATFULL  
TITLE: Compositions and **methods** for treating conditions responsive to estrogen  
INVENTOR(S): Thompson, David D., Gales Ferry, CT, United States  
Lee, Andrew G., Old Lyme, CT, United States  
Day, Wesely W., Old Lyme, CT, United States  
Rosati, Robert L., Stonington, CT, United States

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001041718	A1	20011115
	US 6632834	B2	20031014
APPLICATION INFO.:	US 2001-758778	A1	20010111 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-175752P	20000112 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Gregg C. Benson, Pfizer Inc., Patent Department, MS 4159, Eastern Point Road, Groton, CT, 06340	
NUMBER OF CLAIMS:	31	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Page(s)	
LINE COUNT:	2385	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to **methods**, pharmaceutical compositions and kits useful in treating conditions responsive to estrogen by the administration of estrogen agonists/antagonists. Conditions responsive to the compositions and **methods** include rheumatoid arthritis, colon cancer, tissue wounds, skin wrinkles and cataracts. The compositions are comprised of an estrogen agonist/antagonist and a pharmaceutically acceptable vehicle, carrier or diluent. The compositions and **methods** of treatment are effective while substantially reducing the concomitant liability of adverse effects associated with estrogen administration.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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L13 ANSWER 13 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2001:82816 USPATFULL

TITLE: Use of creatine or creatine compounds for skin preservation

INVENTOR(S): Kaddurah-Daouk, Rima, 4 Ross Rd., Belmont, MA, United States 02178

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6242491	B1	20010605
APPLICATION INFO.:	US 1999-344427		19990625 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Jarvis, William R. A.		
ASSISTANT EXAMINER:	Kim, Vickie		
LEGAL REPRESENTATIVE:	Lahive & Cockfield, LLP, Hanley, Esq., Elizabeth A.		
NUMBER OF CLAIMS:	32		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	4 Drawing Figure(s); 3 Drawing Page(s)		
LINE COUNT:	1850		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to the use of creatine compounds such as, for example, creatine, creatine phosphate or analogs of creatine, such as creatine-pyruvate, creatine-ascorbate, cyclocreatine, 3 guanidinopropionic acid, guanidinoacetate, homocyclocreatine, guanidino benzoates as energy generating systems and antioxidants for preservation of skin against adverse aging effects and damage secondary to insults such as harmful sun radiations, stress and fatigue. The creatine compounds which can be used in the present **method** include (1) creatine, creatine phosphate and analogs of these compounds which can act as **substrates** or **substrate** analogs for creatine kinase; (2) molecules that mimic the biological activity of creatine (3) molecules that modulate the creatine kinase system.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 14 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2000:156951 USPATFULL

TITLE: Cosmetic and cosmeceutical compositions

INVENTOR(S): Riklis, deceased, Emanuel, late of Beer-Sheva, Israel  
Riklis, legal representative, by Ruth, 10 Bar Kochba Street, 84231 Beer-Sheva, Israel  
Riklis, legal representative, by Eran, 10 Nelchet St., Tel Aviv 65215, Israel  
Oren-Riklis, legal representative, by Liatt, 14 Smats St., Tel Aviv, Israel  
Riklis, legal representative, by Eitan, 33 Dam Hamacabim St., Tel Aviv, Israel

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6149896		20001121
	WO 9716155		19970509
APPLICATION INFO.:	US 1999-68080		19990205 (9)
	WO 1996-IL135		19961030
			19990205 PCT 371 date
			19990205 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	IL 1995-115851	19951102

10/779,314

DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Dodson, Shelley A.  
LEGAL REPRESENTATIVE: Evenson, McKeown, Edwards & Lenahan, P.L.L.C.  
NUMBER OF CLAIMS: 8  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 3 Drawing Figure(s); 3 Drawing Page(s)  
LINE COUNT: 351

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Cosmetic and cosmeceutical compositions which enhance repair of damage caused to human DNA caused by excessive exposure to sunlight or to other radiation causing such damage. The active ingredients are a synergistic combination of nor-dihydroguaiaretic acid (NDGA) and niacinamide. Optional components are propyl gallate or other antioxidants. Composition may further contain sun-screen additives.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 15 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2000:67425 USPATFULL  
TITLE: Skin lightening compositions  
INVENTOR(S): Kvalnes, Kalla Lynn, West Chester, OH, United States  
DeLong, Mitchell Anthony, West Chester, OH, United States  
Bradbury, Barton James, West Chester, OH, United States  
Motley, Curtis Bobby, West Chester, OH, United States  
Carter, John David, Cincinnati, OH, United States  
PATENT ASSIGNEE(S): The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6068834		20000530
APPLICATION INFO.:	US 1995-390152		19950224 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-206573, filed on 4 Mar 1994, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Venkat, Jyothsan		
LEGAL REPRESENTATIVE:	Hake, Richard A., Henderson, Loretta J., Suter, David L.		
NUMBER OF CLAIMS:	10		
EXEMPLARY CLAIM:	1,7		
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 1 Drawing Page(s)		
LINE COUNT:	1872		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to compositions, compounds and **methods** for lightening skin, using active compounds having the structure: ##STR1## wherein: (i) each X is, independently, selected from the group consisting of halo, alkyl, substituted alkyl, aryl, OR, OCOR, COR, CONRR, COOR, CN, SR, SOR, SO.sub.2 R, SO.sub.3 R and NRR, wherein X is other than hydroxy, amino and thio, if this X is attached ortho to the phenol hydroxy;

(ii) m is an integer from 0 to 4;

(iii) each R' and each R" is, independently, selected from the group consisting of hydrogen, halo, alkyl, substituted alkyl, aryl, OR, OCOR, OCRROR, COR, CR(OR)OR, CONRR, COOR, CRROR, CN, SR, and NRR; wherein halo, when it appears, is other than geminal to a hydroxy, NH.sub.2, or SH;

(iv) R'" is alkyl or substituted alkyl; wherein when R'" is present, wherein when R'" is present and R' is also hydrogen, R" is other than hydrogen, hydroxy, halo, thio, cyano and amino;

(v) each R is, independently, selected from the group consisting of hydrogen, alkyl, substituted alkyl and aryl;

(vi) n is an integer from 1 to about 5, wherein at least one carbon in (C)<sub>n</sub> has other than alkyl or hydroxy as a substituent and (C)<sub>n</sub> adjacent to Z has other than amino, SH, CN or hydroxy as R';

(vii) Z is selected from the group consisting of O, NR, S, SO, SO.sub.2, PO.sub.2 R and POR;

(viii) wherein any carbon, when disubstituted, having as one substituent selected from the group consisting of hydroxy, amino, cyano and thiol, has the other substituent selected from the group consisting of hydrogen, alkyl, and aryl, whether this substituent is R' or R";

and to pharmaceutically acceptable salts of these compounds, stereoisomers and enantiomers thereof free from or mixed with other enantiomers or stereoisomers; and such compounds in compositions with a pharmaceutically-acceptable carrier thereof comprising a safe and effective amount of a subject skin lightening active.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 16 OF 19 USPATFULL on STN

ACCESSION NUMBER: 1998:1438 USPATFULL

TITLE: Cosmetic composition containing retinol and dioic acid

INVENTOR(S): Harding, Clive Roderick, Rushden, United Kingdom

Lee, Caroline Marian, Ampthill, United Kingdom

Scott, Ian Richard, Allendale, NJ, United States

PATENT ASSIGNEE(S): Unilever Patent Holdings B.V., Vlaardingen, Netherlands (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5705144		19980106
APPLICATION INFO.:	US 1996-614942		19960311 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1993-128024, filed on 29 Sep 1993, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1992-20670	19920930
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Ivy, C. Warren	
ASSISTANT EXAMINER:	Huang, Evelyn	
LEGAL REPRESENTATIVE:	Cushman Darby & Cushman IP Group of Pillsbury Madison & Sutro LLP	
NUMBER OF CLAIMS:	9	
EXEMPLARY CLAIM:	1	
LINE COUNT:	852	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A composition for topical application to human skin in order to promote the repair of photo-damaged skin and/or to reduce or prevent the damaging effects of ultra-violet light on skin and/or to lighten the skin comprising retinol or a derivative thereof and a dioic acid.

10/779,314

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 17 OF 19 USPATFULL on STN

ACCESSION NUMBER: 97:109722 USPATFULL

TITLE: System and **method** for determining efficacy of **sunscreen** formulations

INVENTOR(S): Reece, Barry T., London, England  
Rozen, Michael G., Irving, TX, United States  
Deeds, David A., Dallas, TX, United States  
Roberts, Dale K., Sanger, TX, United States(4)

PATENT ASSIGNEE(S): Mary Kay Cosmetics, Inc., Dallas, TX, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5691158		19971125
APPLICATION INFO.:	US 1993-137822		19931015 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Chin, Christopher L.		
LEGAL REPRESENTATIVE:	Akin, Gump, Strauss, Hauer & Feld, L.L.P.		
NUMBER OF CLAIMS:	33		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	7 Drawing Figure(s); 5 Drawing Page(s)		
LINE COUNT:	600		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A system and **method** is disclosed employing a full thickness skin model for determining minimum sun protection factors (SPFs) of various **sunscreen** formulations by measuring the release of an inflammatory mediator in the skin model.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 18 OF 19 USPATFULL on STN

ACCESSION NUMBER: 96:23215 USPATFULL

TITLE: **Method** and apparatus for measuring ultraviolet protection effectiveness

INVENTOR(S): Ogawa, Katsuki, Yokohama, Japan  
Kumagai, Shigenori, Yokohama, Japan  
Odagiri, Harumi, Yokohama, Japan

PATENT ASSIGNEE(S): Shiseido Company, Ltd., Tokyo, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5500533		19960319
APPLICATION INFO.:	US 1994-313460		19940927 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1993-239875	19930927
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Fields, Carolyn E.	
LEGAL REPRESENTATIVE:	Foley & Lardner	
NUMBER OF CLAIMS:	15	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	26 Drawing Figure(s); 25 Drawing Page(s)	
LINE COUNT:	872	

AB Provisions are made so that an **SPF** value having high

correlation with an in vivo **SPF** value can be calculated in **vitro** using a common calculation equation regardless of the material type used. Transmitted **UV** intensities  $I(\lambda)$  are corrected by respective erythema effectiveness coefficients  $EE(\lambda)$  to calculate an erythema-inducing **UV** intensity **EUI**, and the elements of  $I(\lambda)$  from  $\lambda=320$  to  $400$  nm are summed to calculate a transmitted **UV-A** intensity; then, from the ratio **UV-A/EUI**, a theoretical value  $\alpha_{\text{sub.TH}}$  is calculated for the base  $\alpha$  of a photoaugmentative effectiveness  $\alpha_{\text{sup}}$ . **UVA**, an ultimate theoretical value  $\text{EUI}_{\text{sub.UL}}$  of **EUI** is calculated. When  $\text{EUI}_{\text{sub.UL}}$  is larger than 75, the **SPF** value is calculated from  $1350/\text{EUI}_{\text{sub.UL}}$ ; otherwise, the **SPF** value is calculated using an empirical equation.

L13 ANSWER 19 OF 19 USPATFULL on STN

ACCESSION NUMBER: 93:43987 USPATFULL  
 TITLE: Cosmetic composition  
 INVENTOR(S): Nicoll, Gregg A., Dumont, NJ, United States  
 Scott, Ian R., Wellingborough, England  
 PATENT ASSIGNEE(S): Chesebrough-Pond's USA Co., Division of Conopco, Inc.,  
 Greenwich, CT, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5215749		19930601
APPLICATION INFO.:	US 1991-698433		19910510 (7)
DISCLAIMER DATE:	20100223		

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1990-10527	19900510
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Page, Thurman K.	
LEGAL REPRESENTATIVE:	Honig, Milton L.	
NUMBER OF CLAIMS:	9	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 1 Drawing Page(s)	
LINE COUNT:	628	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A composition for tonical application to human skin to provide protection from excessive exposure to ultra-violet rays, comprises:

- an effective amount of ultrafine titanium dioxide as an inorganic **sunscreen**;
- an effective amount of octyl methoxycinnamate as an organic **sunscreen**; and
- a cosmetically acceptable vehicle for the **sunscreens**;

the weight concentration of the titanium dioxide and octyl methoxycinnamate being within the region designated A in the accompanying drawing.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.